

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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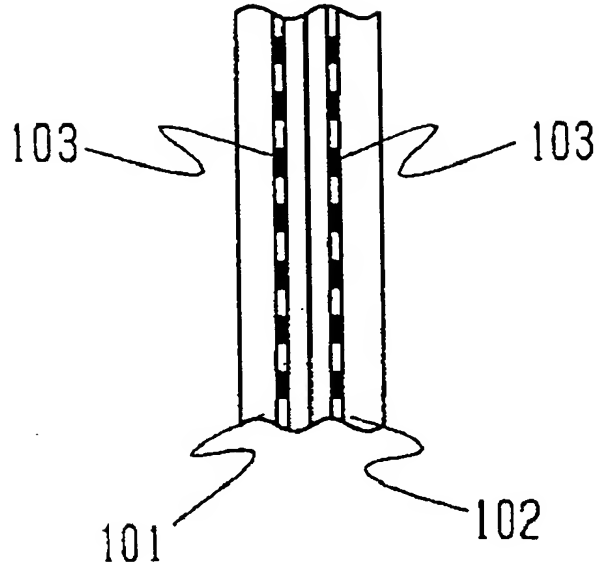
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INT.CL. : G02B 27/46 G02B 5/23 G02B 27/28  
G02F 1/13 G02F 1/1335 G03H 1/08  
G03H 1/16 G03H 1/22 H04N 5/66  
H04N 5/74

TITLE : OPTICAL DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To provide an optical device which can simultaneously and independently control the amplitudes and phases of coherent light waves.

SOLUTION: This optical device has a spatial optical modulation element for amplitude modulation, a spatial optical modulation element for phase modulation and a means for spatially connecting these two elements in series.

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